ALCON CTL TESTING PRIVATE LIMITED

Ref: ACTPL/RDM 161206-3/2016 **Date: 29/09/2016**

TEST REPORT

Name of Client : **Sri. A. Chennareddy, Bengaluru.**
Project* : Comprehensive Development of roads and drains in ward No. 01 and 02 in Yelahanka Sub Division.
Customer's reference : RDM 161206-3
Description of Test : Gradation for GSB.
Sample Location : Ward No.1
Total Weight of Sample : 11500grams

Sieve size	Weight Retained	Cumulative retained	% retained	% passing	Limits
53	0	0	0.00	100.0	100
26.5	874	874	16.35	83.65	70-100
9.5	551	1425	26.65	73.35	50-80
4.75	1232	2657	49.69	50.31	40-65
2.36	689	3346	62.58	37.42	30-50
0.425	1200	4546	85.02	14.98	15-25
0.075	801	5347	98.2	2.8	3-10

Satisfy the Limits ☑
Does not satisfy the limits
** As Furnished by the Customer*
Note:

1. The test results relate only to the item(s) tested.
2. Publication or reproduction of this report in any form other than by complete set of the whole report and in the language written is not permitted without the written approval.
3. Corrections / erasing invalidate the test report
4. Any anomaly / discrepancy in the test report should be brought to our notice within 7 days from the date of issue

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Ground Floor, #35, 4th Main, 4th Stage, Next to Trinity Motors. Indl. Town, Basaveshwar Nagar, Bangalore – 560 079, Karnataka, India.
Phone: 91-08-23504236 Email: mail@alconctl.com

ALCON CTL TESTING PRIVATE LIMITED

Ref: ACTPL/RDM 161206-3/2016 **Date: 11/09/2016**

TEST REPORT

Name of Client : **Sri. A. Chennareddy, Bengaluru.**
Project* : Comprehensive Development of roads and drains in ward No. 01 and 02 in Yelahanka Sub Division.
Customer's reference : RDM 161206
Description of Test : Gradation for GSB.
Sample Location : Ward No.2
Total Weight of Sample : 11500grams

Sieve size	Weight Retained	Cumulative retained	% retained	% passing	Limits
53	0	0	0	100	100
26.5	150	150	1.26	98.74	70-100
9.5	3258	3408	28.58	71.42	50-80
4.75	2100	5508	46.18	53.82	40-65
2.36	1987	7495	62.85	37.15	30-50
0.425	1987	9482	79.51	20.49	15-25
0.075	2001	11483	96.29	3.71	3-10

Satisfy the Limits ☑
Does not satisfy the limits
** As Furnished by the Customer*
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Quality Manager

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Phone: 91-08-23504236 Email: mail@alconctl.com

ALCON CTL TESTING PRIVATE LIMITED

Ref: ACTPL/RDM 161206-3/2016 **Date: 12/09/2016**

TEST REPORT

Name of Client : **Sri. A. Chennareddy, Bengaluru.**
Project* : Comprehensive Development of roads and drains in ward No. 01 and 02 in Yelahanka Sub Division.
Customer's reference : RDM 161206-3
Description of Test : Gradation for GSB.
Sample Location : Ward No.2
Total Weight of Sample : 12000grams

Sieve size	Weight Retained	Cumulative retained	% retained	% passing	Limits
53	0	0	0	100	100
26.5	180	180	1.51	98.49	70-100
9.5	3521	3701	31.03	68.97	50-80
4.75	3120	6821	57.19	42.81	40-65
2.36	1032	7853	65.85	34.15	30-50
0.425	1967	9650	81.75	17.66	15-25
0.075	2001	11751	98.53	3.02	3-10

Satisfy the Limits ☑
Does not satisfy the limits
**** As Furnished by the Customer***
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For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

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Phone: 91-08-23504236 Email: mail@alconctl.com

ALCON CTL TESTING PRIVATE LIMITED

Ref: ACTPL/RDM 161206-3/2016 **Date: 27/09/2016**

TEST REPORT

Name of Client : **Srl. A. Chennareddy, Bengaluru.**
Project* : Comprehensive Development of roads and drains in ward No. 01 and 02 in Yelahanka Sub Division.
Customer's reference : RDM 161206-3
Description of Test : Gradation for GSB.
Sample Location : Ward No.2
Total Weight of Sample : 12500grams

Sieve size	Weight Retained	Cumulative retained	% retained	% passing	Limits
53	0	0	0.00	100.0	100
26.5	253	253	2.12	97.88	70-100
9.5	3899	4152	34.81	65.19	50-80
4.75	2547	6699	56.16	43.84	40-65
2.36	1241	7940	66.56	33.44	30-50
0.425	1988	9928	83.23	16.77	15-25
0.075	2001	11929	97.25	2.75	3-10

Satisfy the Limits ☑
Does not satisfy the limits
As Furnished by the Customer
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For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

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Phone: 91-08-23504236 Email: mail@alconctl.com

ALCON CTL TESTING PRIVATE LIMITED

Ref: ACTPL/RDM 161206-3/2016 **Date: 15/09/2016**

TEST REPORT

Name of Client : **Srl. A. Chennareddy, Bengaluru.**
Project* : Comprehensive Development of roads and drains in ward No. 01 and 02 in Yelahanka Sub Division.
Customer's reference : RDM 161206-3
Description of Test : Gradation for WMM.
Sample Location : Ward No.2
Total Weight of Sample : 12500grams

Sieve size	Weight Retained	Cumulative retained	% retained	% passing	Limits
53	0	0	0.00	100.0	100
45	512	512	4.06	95.94	95-100
22.4	4289	4801	38.08	61.92	60-80
11.2	2312	7113	56.42	43.58	40-60
4.75	1899	9012	71.48	28.52	25-40
2.36	1274	10286	81.59	18.41	15-30
0.6	1200	11486	91.11	8.89	8-22
0.075	811	12297	97.54	2.46	0-8

Satisfy the Limits ☑
Does not satisfy the limits
** As Furnished by the Customer*

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For **ALCON CTL TESTING PVT. LTD.**

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Quality Manager

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Phone: 91-08-23504236 Email: mail@alconctl.com

ALCON CTL TESTING PRIVATE LIMITED

Ref: ACTPL/RDM 161206-3/2016 **Date: 22/10/2016**

TEST REPORT

Name of Client : **Sri. A. Chennareddy, Bengaluru.**
Project* : Comprehensive Development of roads and drains in ward No. 01 and 02 in Yelahanka Sub Division.
Customer's reference : RDM 161206-3
Description of Test : Gradation for WMM.
Sample Location : Ward No.2
Total Weight of Sample : 12500grams

Sieve size	Weight Retained	Cumulative retained	% retained	% passing	Limits
53	0	0	0.00	100.0	100
45	489	489	3.88	96.12	95-100
22.4	4251	4740	37.58	62.42	60-80
11.2	2365	7105	56.33	43.67	40-60
4.75	1899	9004	71.38	28.62	25-40
2.36	1254	10258	81.32	18.68	15-30
0.6	1239	11497	91.18	8.86	8-22
0.075	807	12304	97.54	2.42	0-8

Satisfy the Limits ☑
Does not satisfy the limits
**** As Furnished by the Customer***

Note:

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Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

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Phone: 91-08-23504236 Email: mail@alconctl.com

Alcon CTL Testing Pvt. Ltd.

Bitumen Extraction Test

IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: 5th phase

Technician: Manjunath M.C.B

Date: 11/11/16.

Type of Sample: D.B.M.

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000.
2	Weight Retained after Extraction- W2	961	954	955.
3	Weight of Bitumen-W = (W1-W2)=	39	46.	45.
4	% of bitumen= (W/W1)*100=	3.9	4.6	4.5.
	Average % of Bitumen in Samples =	4.3.		

Percentage Range of Bitumen in DBM :**4.2 to 4.5%**

Remarks:

Satisfy the Limits ☑

Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.

Bitumen Extraction Test

IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: Icenchenahalli

Technician: Manjunath A.L.B.

Date: 01/11/18

Type of Sample: D.B.M

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000.
2	Weight Retained after Extraction- W2	960	952	955.
3	Weight of Bitumen-W = (W1-W2)=	40	48	45.
4	% of bitumen= (W/W1)*100=	4.0	4.8	4.5.
	Average % of Bitumen in Samples =	4.4.		

Percentage Range of Bitumen in DBM :**4.2 to 4.5%**

Remarks:

Satisfy the Limits ☑

Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Ashwini K, BE, M.Tech
Quality Manager

Alcon CTL Testing Pvt. Ltd.
Bitumen Extraction Test
IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: Horrohalli

Technician: manjunath. L.B

Date: 9/11/16.

Type of Sample: D.B.M.

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000.
2	Weight Retained after Extraction- W2	956.	953	955.
3	Weight of Bitumen-W = (W1-W2)=	44	47	45
4	% of bitumen= (W/W1)*100=	4.4	4.7	4.5.
	Average % of Bitumen in Samples =	4.5.		

Percentage Range of Bitumen in DBM :**4.2 to 4.5%**

Remarks:
Satisfy the Limits ☑
Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.
Bitumen Extraction Test
IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: puttenhalli

Technician: Manjuna Gli.C.13

Date: 7/11/16

Type of Sample: D.BM

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000.
2	Weight Retained after Extraction- W2	960	955	955.
3	Weight of Bitumen-W = (W1-W2)=	40	45.	45.
4	% of bitumen= (W/W1)*100=	4.0	4.5	4.5.
	Average % of Bitumen in Samples =	4.5.		

Percentage Range of Bitumen in DBM :**4.2 to 4.5%**

Remarks:
Satisfy the Limits ☑
Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

Alcon CTL Testing Pvt. Ltd.

Bitumen Extraction Test

IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: Nagenhalli.

Technician: Manjunath B. L. B.

Date: 4/11/18.

Type of Sample: D.B.M

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000
2	Weight Retained after Extraction- W2	960	955	954.
3	Weight of Bitumen-W = (W1-W2)=	40	45	46.
4	% of bitumen= (W/W1)*100=	4.0	4.5	4.6.
	Average % of Bitumen in Samples =	4.4.		

Percentage Range of Bitumen in DBM :**4.2 to 4.5%**

Remarks:

Satisfy the Limits ☑

Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.
Bitumen Extraction Test
IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: puttenhalli

Technician: Manjunath. C. B

Date: 8/11/16

Type of Sample: B.C

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000.
2	Weight Retained after Extraction- W2	939	942	943
3	Weight of Bitumen-W = (W1-W2)=	61	58	57.
4	% of bitumen= (W/W1)*100=	6.1	5.8.	5.7.
	Average % of Bitumen in Samples =	5.9.		

Percentage Range of Bitumen in BC:**5.5 to 6%**

Remarks:
Satisfy the Limits ☑
Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.
Bitumen Extraction Test
IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennreddy Location: Nagenhalli.

Technician: Manjunath. C. B

Date: 5/11/16.

Type of Sample: B.C.

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000.	1000	1000
2	Weight Retained after Extraction- W2	938	942	941.
3	Weight of Bitumen-W = (W1-W2)=	62.	58	59.
4	% of bitumen= (W/W1)*100=	6.2	5.8	5.9.
	Average % of Bitumen in Samples =	6.0.		

Percentage Range of Bitumen in BC:**5.5 to 6%**

Remarks:
Satisfy the Limits ☑
Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.
Bitumen Extraction Test
IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: Indian motors.

Technician: Manjunath M.C.B

Date: 16/11/15.

Type of Sample: B.C.

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000
2	Weight Retained after Extraction- W2	940	938	944
3	Weight of Bitumen-W = (W1-W2)=	60	62	56
4	% of bitumen= (W/W1)*100=	6.0	6.2	5.6
	Average % of Bitumen in Samples =	5.9.		

Percentage Range of Bitumen in BC:**5.5 to 6%**

Remarks:
Satisfy the Limits ☑
Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.

Bitumen Extraction Test

IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: H.B Colony Main Road.

Technician: Manjunath. L.B

Date: 13/11/16.

Type of Sample: BC

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000
2	Weight Retained after Extraction- W2	940	939	942
3	Weight of Bitumen-W = (W1-W2)=	60	61	58
4	% of bitumen= (W/W1)*100=	6.0	6.1	5.8
	Average % of Bitumen in Samples =	6.0.		

Percentage Range of Bitumen in BC:**5.5 to 6%**

Remarks:

Satisfy the Limits ☑

Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

Ashwini K, BE, M.Tech
Quality Manager

ALCON CTL TESTING PRIVATE LIMITED BANGALORE

Alcon CTL Testing Pvt. Ltd.

Bitumen Extraction Test

IRC: SP 11-1988 (Apppendix-5) ASTM D2172

Project: **BBMP Yelahanka PACKAGE 1**

Client: A. Chennareddy Location: Gandhi Nagar 2nd C/s

Technician: Manjunath L. B

Date: 13/11/16.

Type of Sample: B.C

Sl No.	Description	Trial 01	Trial 02	Trial 03
1	Weight of sample Taken –W1	1000	1000	1000
2	Weight Retained after Extraction- W2	940	943	939
3	Weight of Bitumen-W = (W1-W2)=	60	57	61
4	% of bitumen= (W/W1)*100=	6.0	5.7.	6.1.
	Average % of Bitumen in Samples =	5.9.		

Percentage Range of Bitumen in BC:**5.5 to 6%**

Remarks:

Satisfy the Limits ☑

Does not satisfy the limits

For **ALCON CTL TESTING PVT. LTD.**

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